

ABSTRACT OF THE DISCLOSURE

PROCESS FOR THE DIASTEREOSELECTIVE PREPARATION OF OLEFINS VIA
 THE HORNER-WADSWORTH-EMMONS REACTION, COMPRISING AN
 5 ADDITION OF A TRIS(POLYOXAALKYL)AMINE SEQUESTERING AGENT

The invention relates to a process for the diastereoselective preparation of olefins via the Horner-Wadsworth-Emmons reaction, which consists in reacting at low temperature a phosphonate with a carbonyl derivative in the presence of a base in a
 10 suitable solvent, characterized in that a tris(polyoxaalkyl)amine sequestering reagent of formula (I): $N-[CHR_1-CHR_2-O-(CHR_3-CHR_4-O)_n-R_5]_3$ (I), wherein: n is an integer between 0 and 10; R_1 , R_2 , R_3 and R_4 may be identical or different, and represent a hydrogen atom or an alkyl radical containing from 1 to 4 carbon atoms; R_5 represents a
 15 hydrogen atom, an alkyl or cycloalkyl radical containing up to 12 carbon atoms, a phenyl radical or a radical of formula $-C_{\mu}H_{2\mu}-\Phi$, or $C_mH_{2m+1}-\Phi-$, with m being an integer between 1 and 12 and Φ being a phenyl radical; is added in an amount that is sufficient to increase the diastereoselectivity of the olefin.